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Corrections and Additons on Lepidoptera from the Seychelles and the Mascarenes

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Abstract: Identifications on two species of lepidoptera from Praslin (Seychelles) are corrected, one species is identified new to Mauritius and two for La Réunion

Key words: Lepidoptera, Seychelles, La Réunion, Mauritius

I was very glad to receive comments and suggestions from Dr.Wolfram Mey and Dr.Klaus Sattler after my earlier publication on Seychelles Lepidoptera (Bippus, 2016). After supplementary studies I would like to communicate some corrections on two of the species illustrated as well as additions on the distribution for two *Mesophleps* species for the Mascarenes.

Gelechiidae:

Mesophleps safranella (Legrand, 1966) – Fig.1-4
Wingspan: 12-14 mm
The identification of the species illustrated on Plate 12, Fig. 53 as *Dichomeris acuminata* (Staudinger, 1876) is wrong and the images show *Mesophleps safranella* (Legrand, 1966).
Supplementary study of specimen collected in La Réunion (Fig. 1-4) showed that this species is also found on this island.
Collection dates from La Réunion, La Possession, alt.400m, 20°55'37''S/55°21'45''E: 10.IX.2015 (female, dissected), 23.IV.2016, 03.V.2016 (male, dissected), 01.VIII.2016, 08.VII.2016, (female, dissected), 10.VIII.2016 (male, dissected), 08/19/21/25/27. IX.2016, 19/26.X.2016, 02.XI.2016.

Mesophleps palpigera (Walsingham, 1891)
Wingspan: 10-11,5 mm
A male specimen collected in Mauritius, Blackriver, alt. 20 m, between 06 to 10.VI.2016 and a female from La Réunion, 18.VIII.2016 proved to be *Mesophleps palpigera.* Both specimens are a little paler and smaller than the collected *Mesophleps safranella* but can easily be confused.
Wingspan: 10mm for the male from Mauritius, 11.5 mm for the female from Réunion.

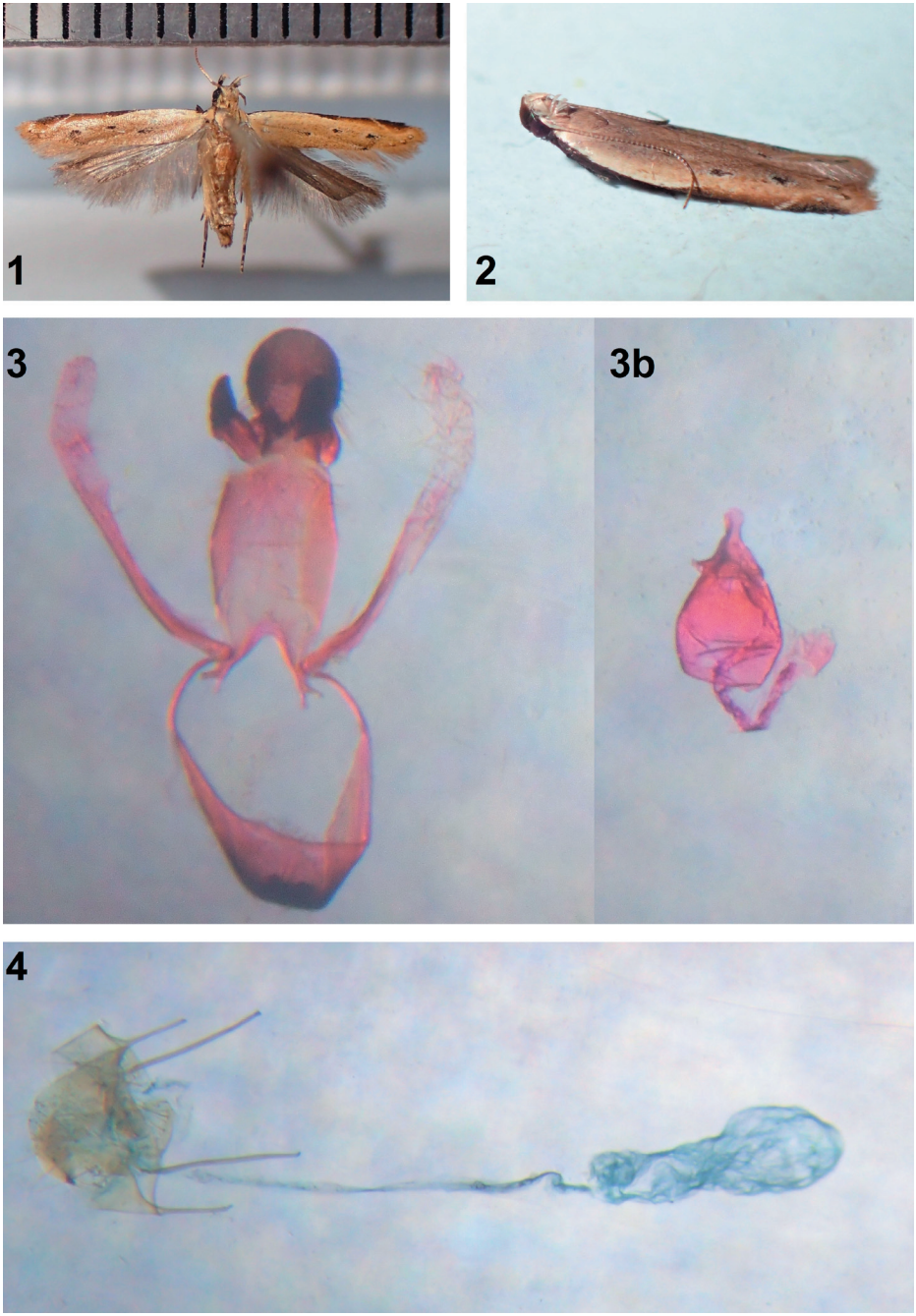

Plate.1. *Mesophlepssafranella* (Legrand, 1966). Fig. 1-2: adult, 13 mm. Fig. 3: Male genitalia Fig.3b: aedeagus. Fig.4: Female genitalia

Tineidae:

Tiquadra gypsatma (Meyrick, 1911)

The species illustrated as *Erechthias* sp. nr. *molynta* (Meyrick, 1911) on plate 21, Fig. 89-92 can now be identified as *Tiquadra gypsatma.*

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References

Bippus, M. (2016). Notes on Lepidoptera from the Seychelles. *Phelsuma* **24**: 35-71. http://islandbiodiversity.com/Phelsuma%2024-5.pdf

Li, H. & Sattler, K. (2012). A taxonomic revision of the genus *Mesophleps* Hübner, 1825 (Lepidoptera: Gelechiidae). *Zootaxa* **3373**: 1–82.